

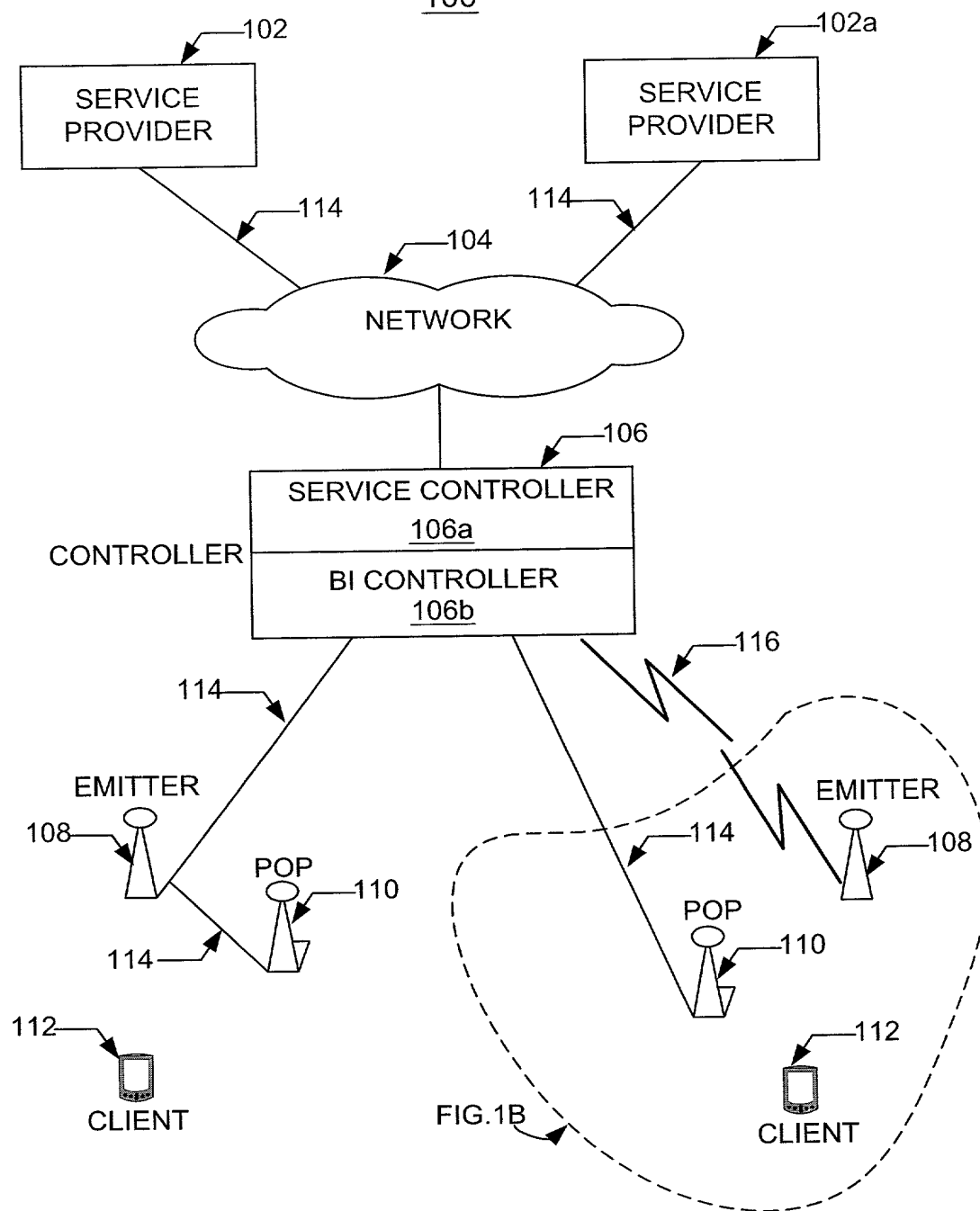
100

FIG. 1A

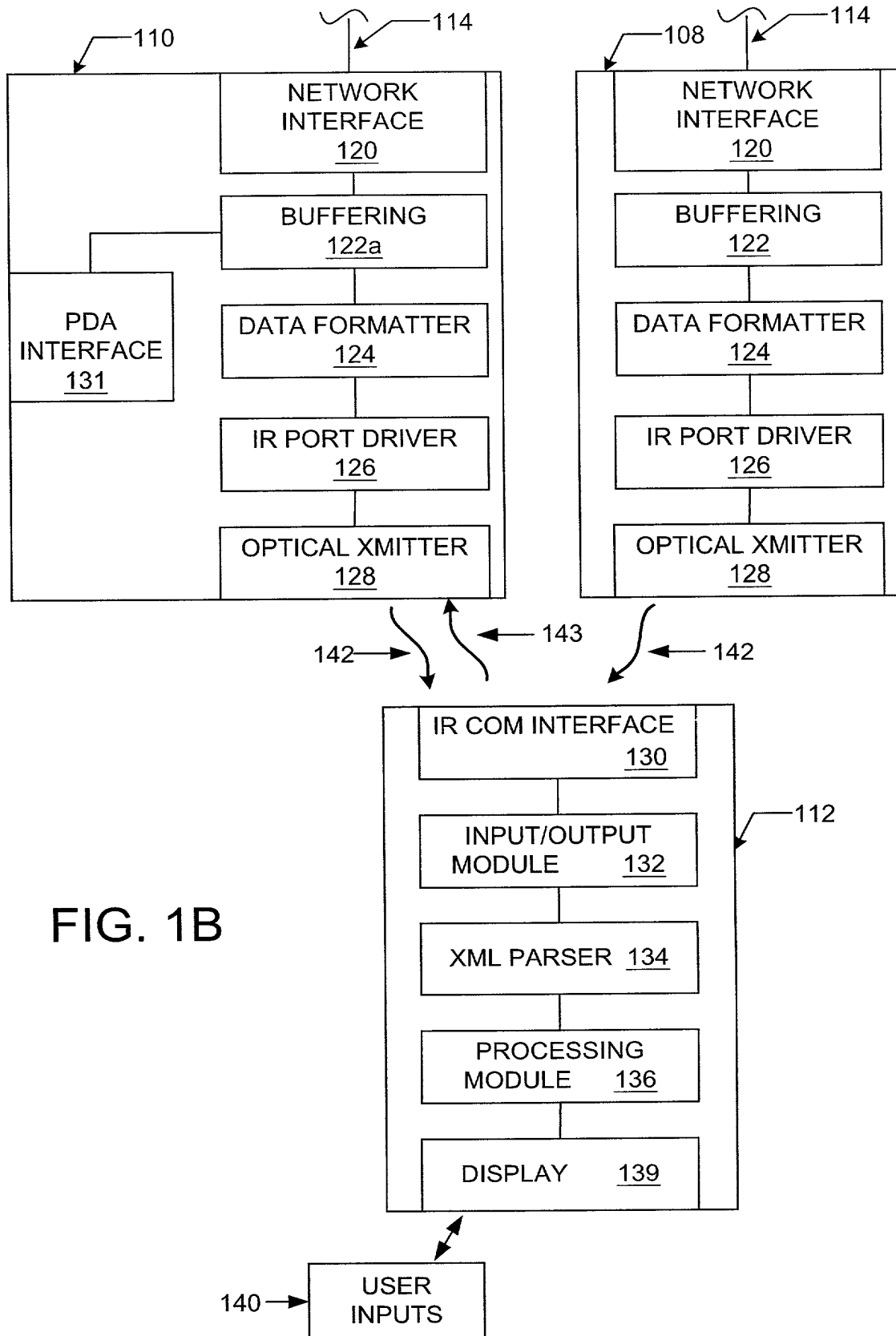


FIG. 1B

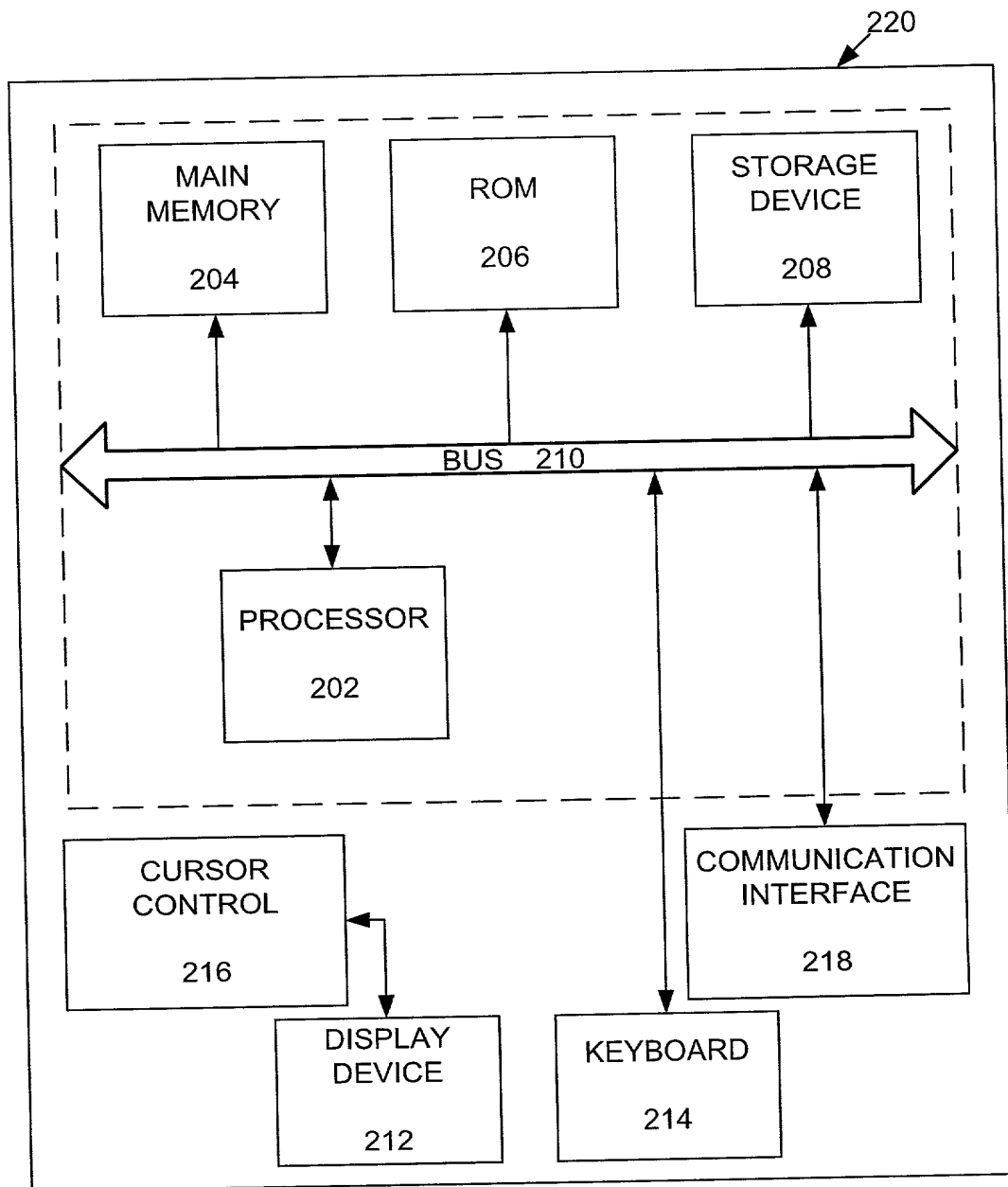


FIG. 2

BANNER ELEMENT
302

SERVICE ELEMENT
304

CONTEXT ELEMENT
306

FIG. 3

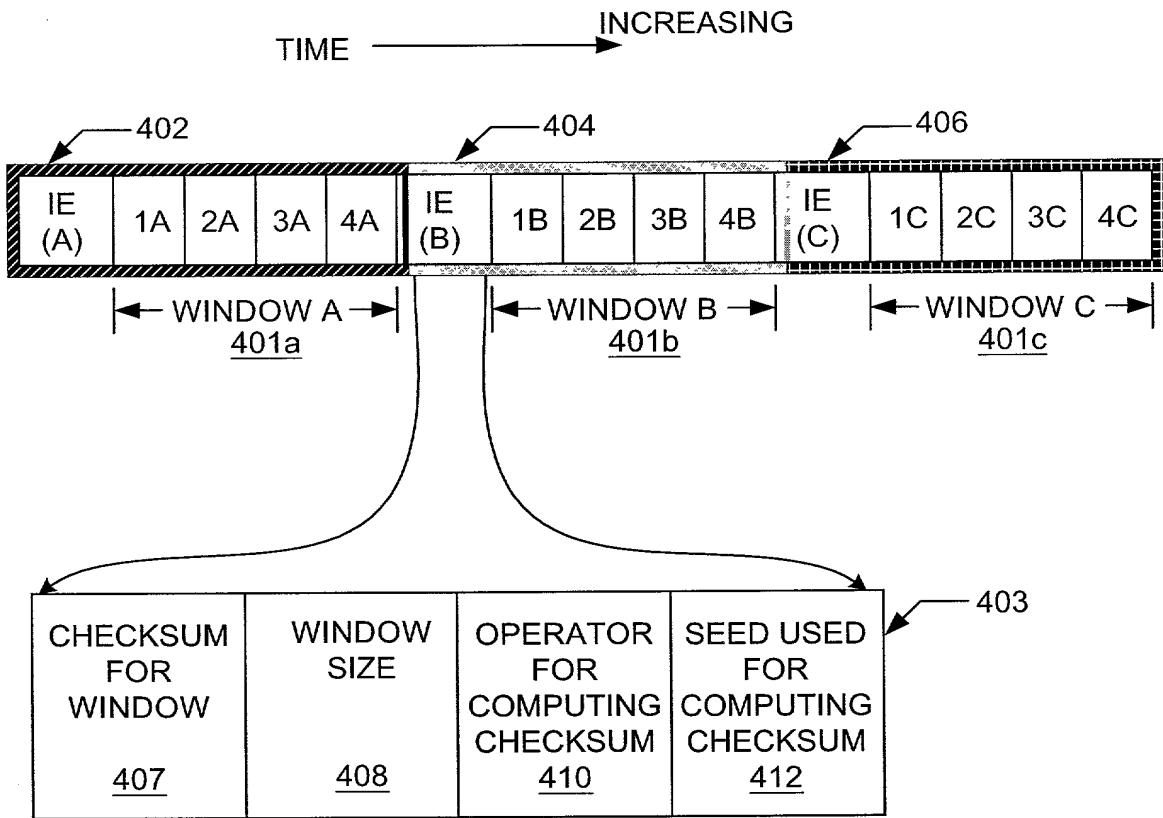


FIG. 4A

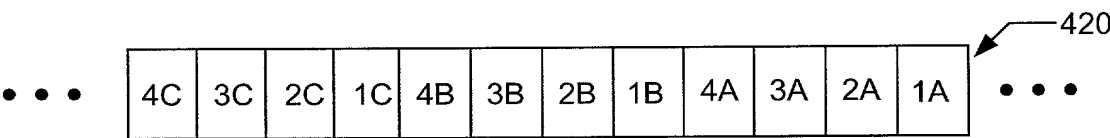


FIG. 4B

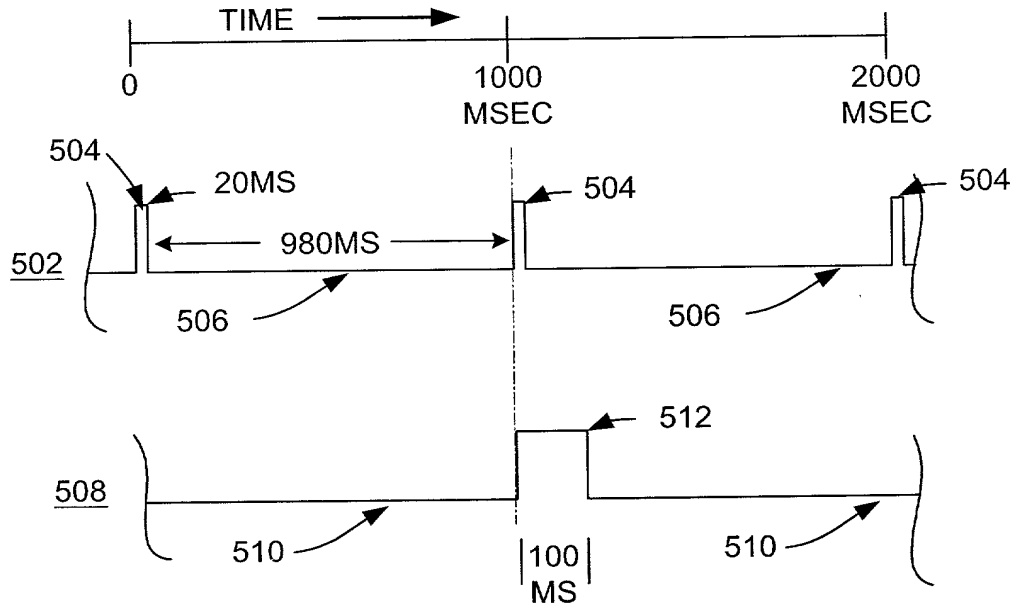


FIG. 5

BROADCAST INFORMATION
UPDATE DATA
602

CLIENT REQUEST DATA
604

SERVICE RESPONSE DATA
606

CLIENT SERVICE PROPRIETARY
COMMUNICATION DATA
608

SERVICE TO SERVICE
COMMUNICATION DATA
610

OTHER MISCELLANEOUS TRAFFIC
612

FIG. 6

FIG. 6

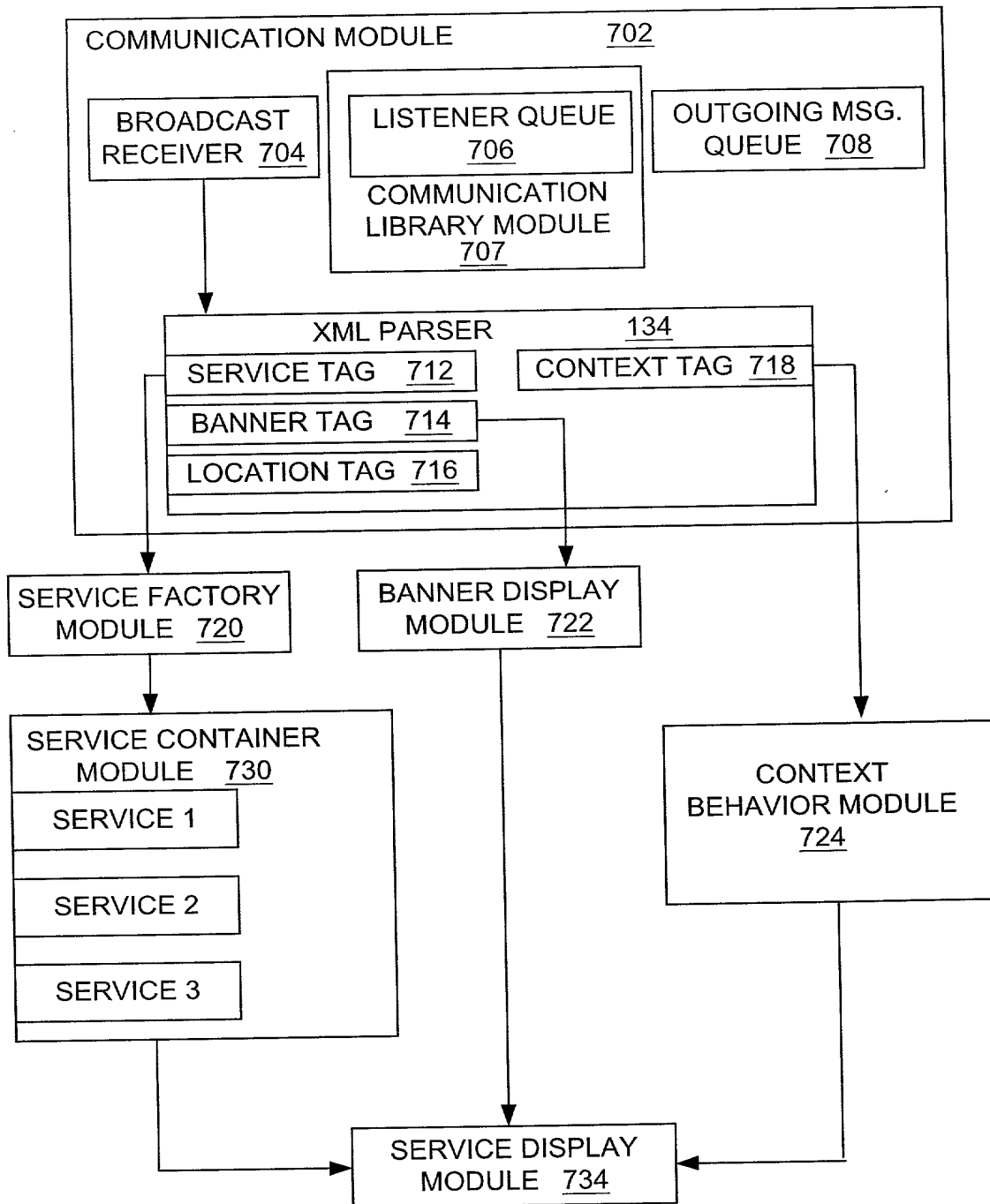
700

FIG. 7

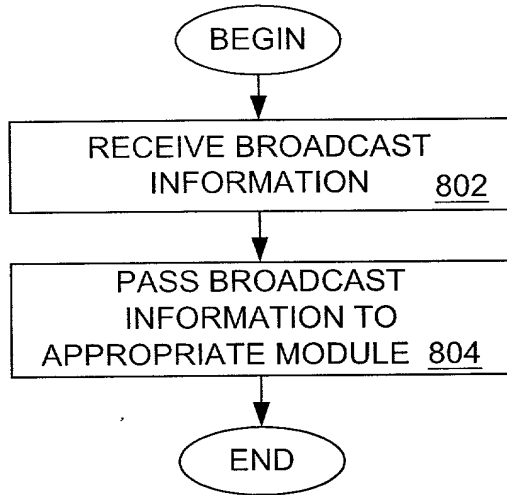


FIG. 8A

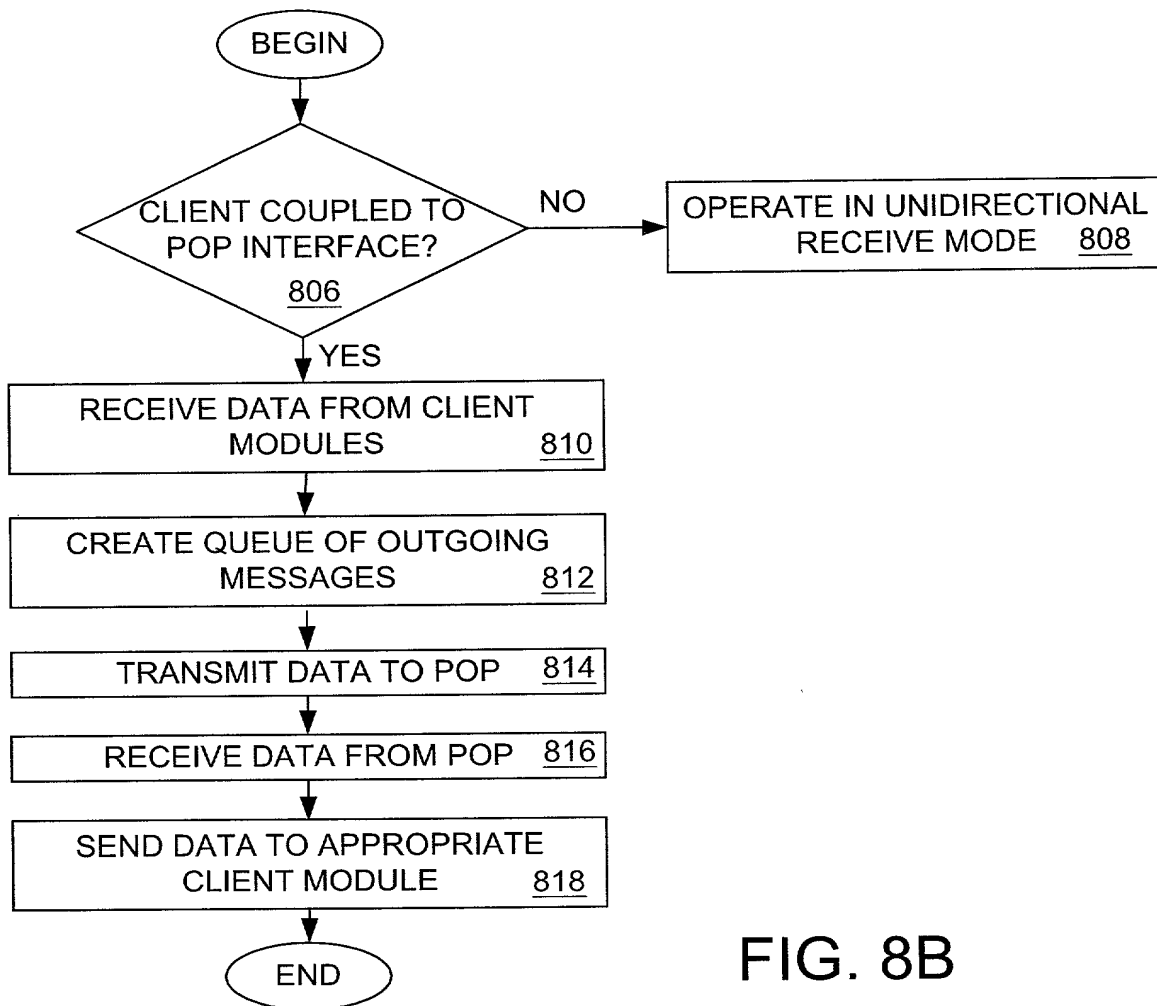


FIG. 8B

COMMUNICATION LIBRARY MODULE 707

OPEN STATE
904

CLOSE STATE
906

FIND INTEGRITY CHECK ELEMENT
STATE
908

PERFORM INTEGRITY CHECK
STATE
910

CREATE XML ELEMENT STATE
912

FIG. 9

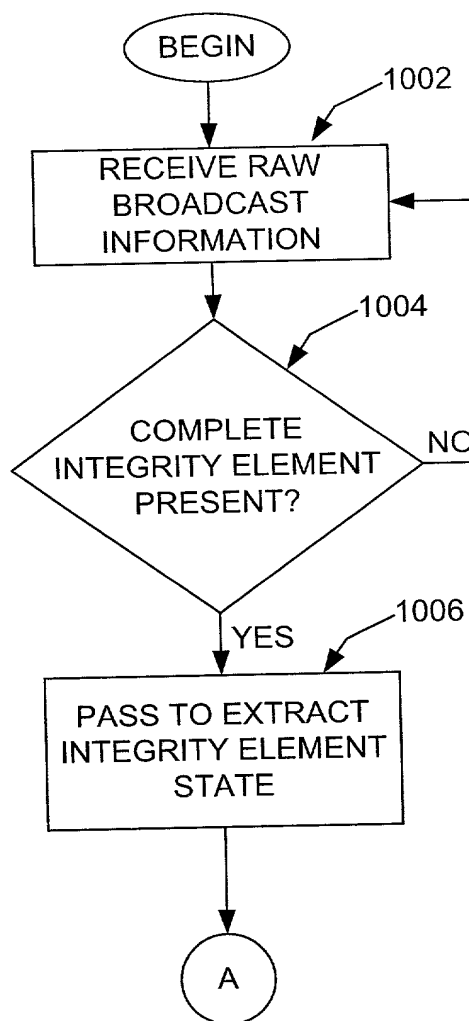


FIG. 10A

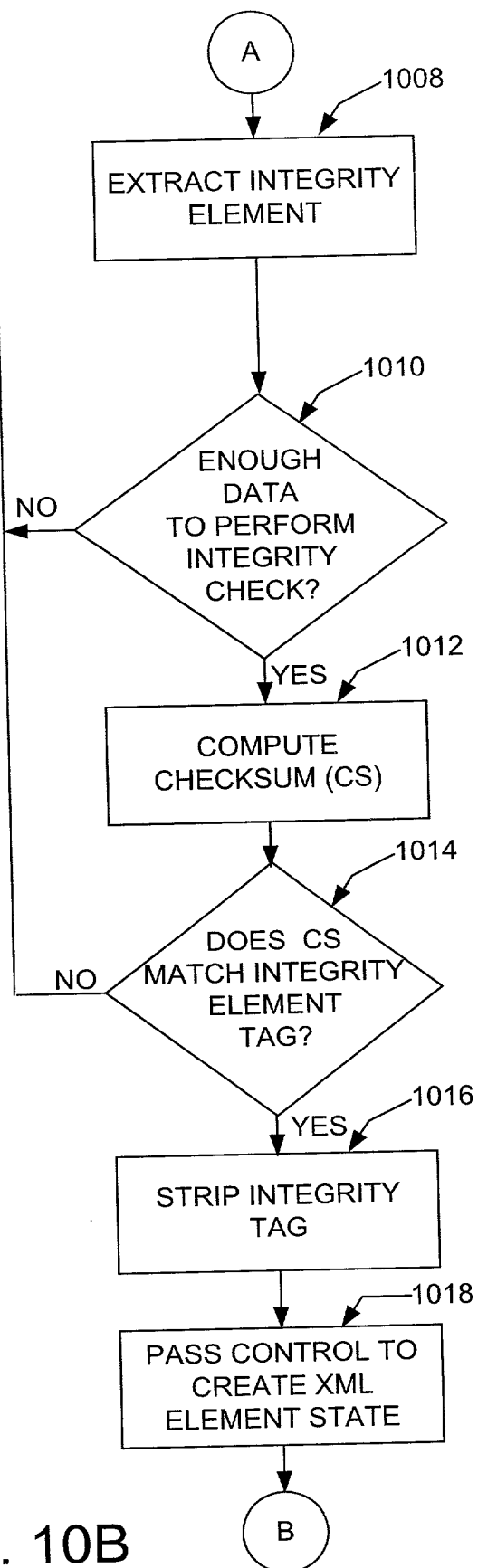


FIG. 10B

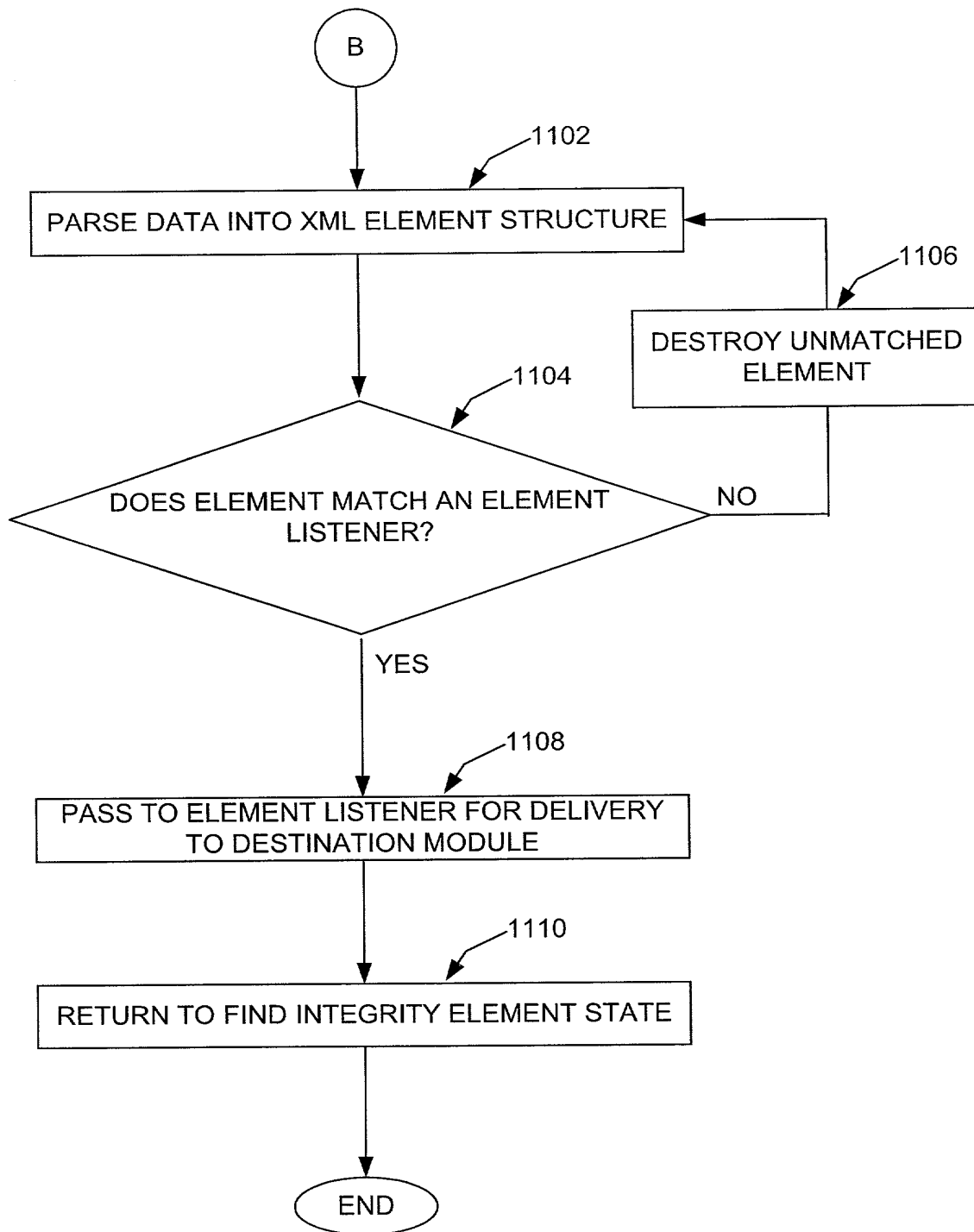


FIG. 11

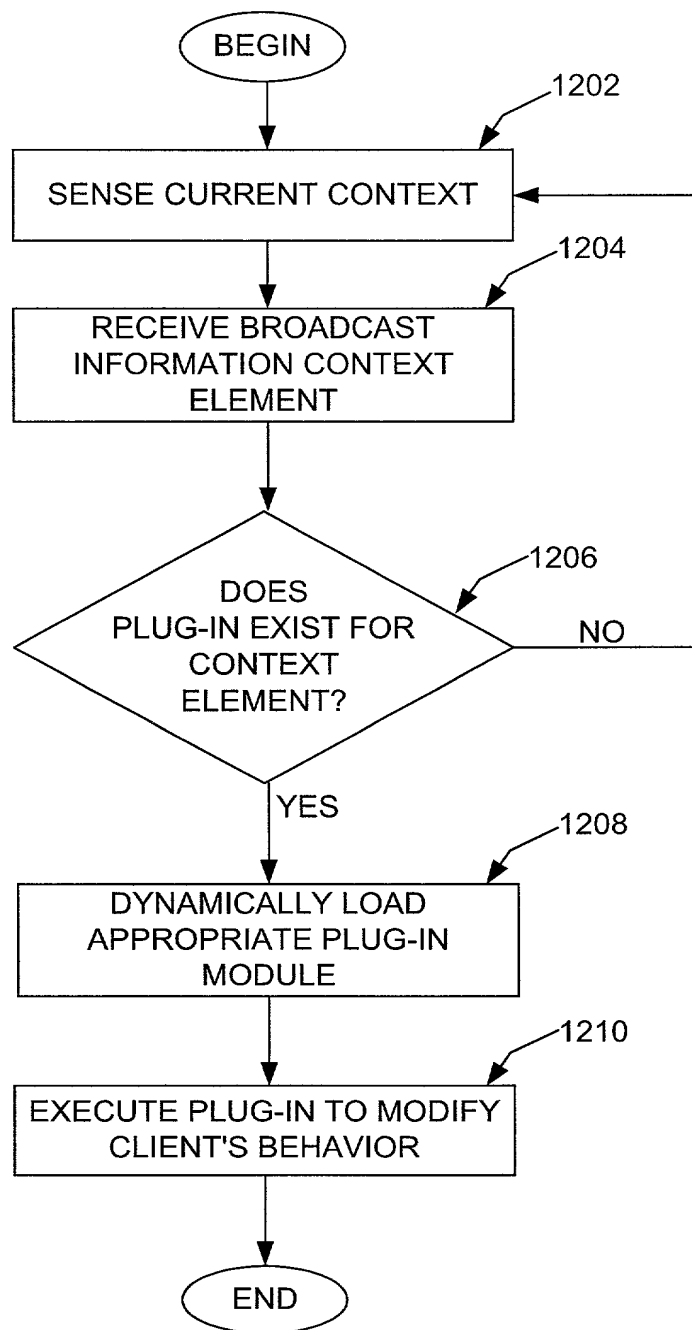


FIG. 12

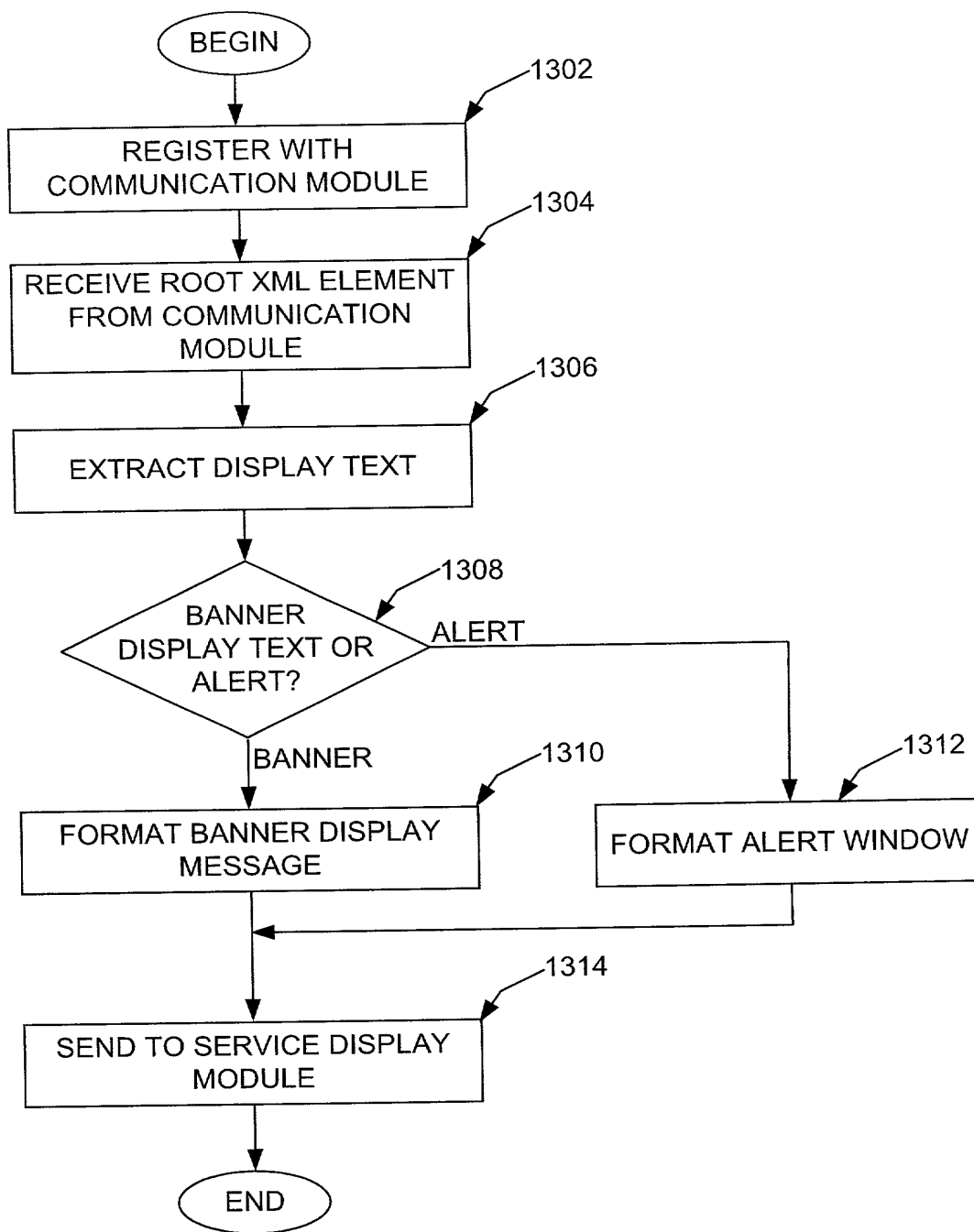


FIG. 13

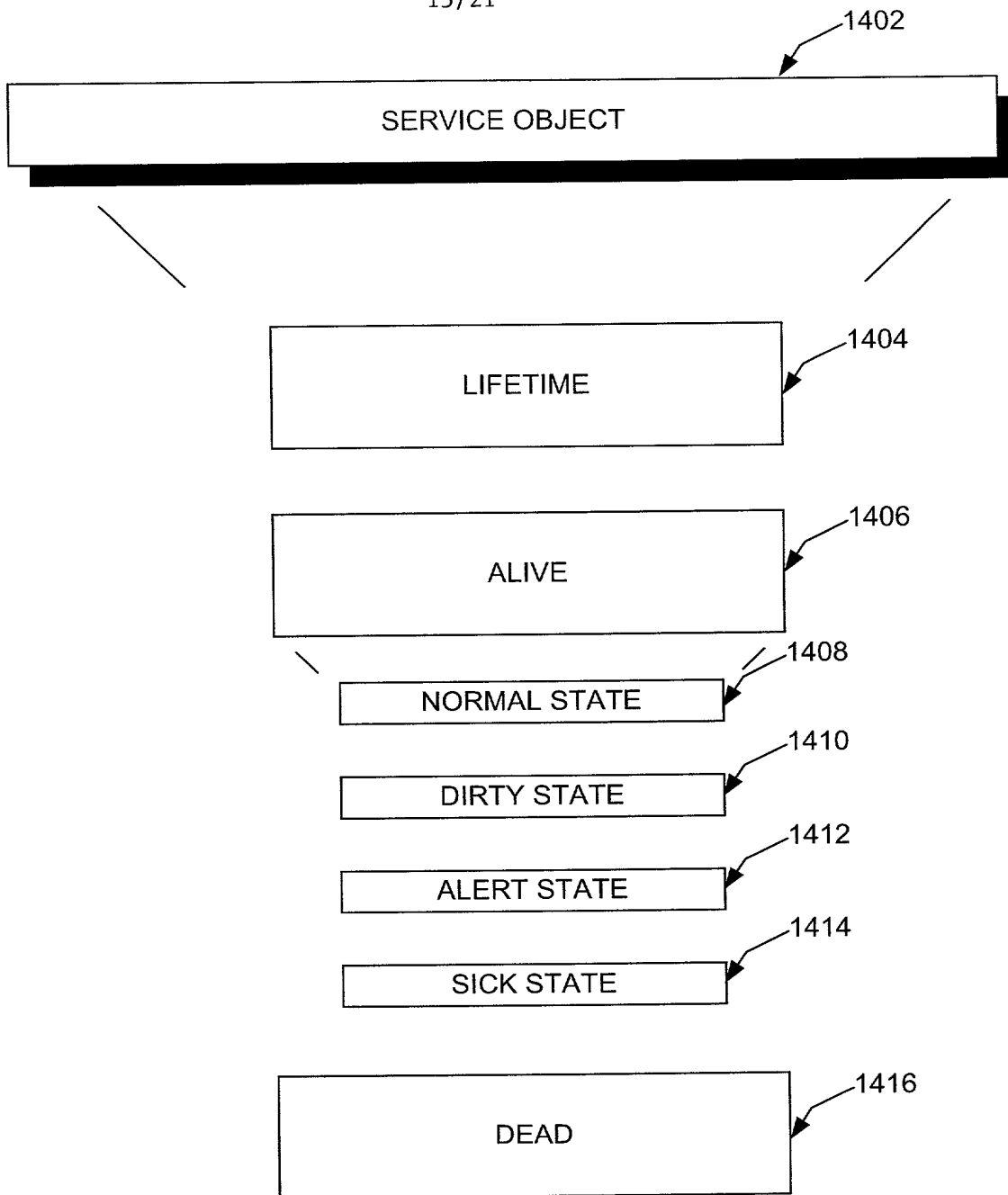


FIG. 14

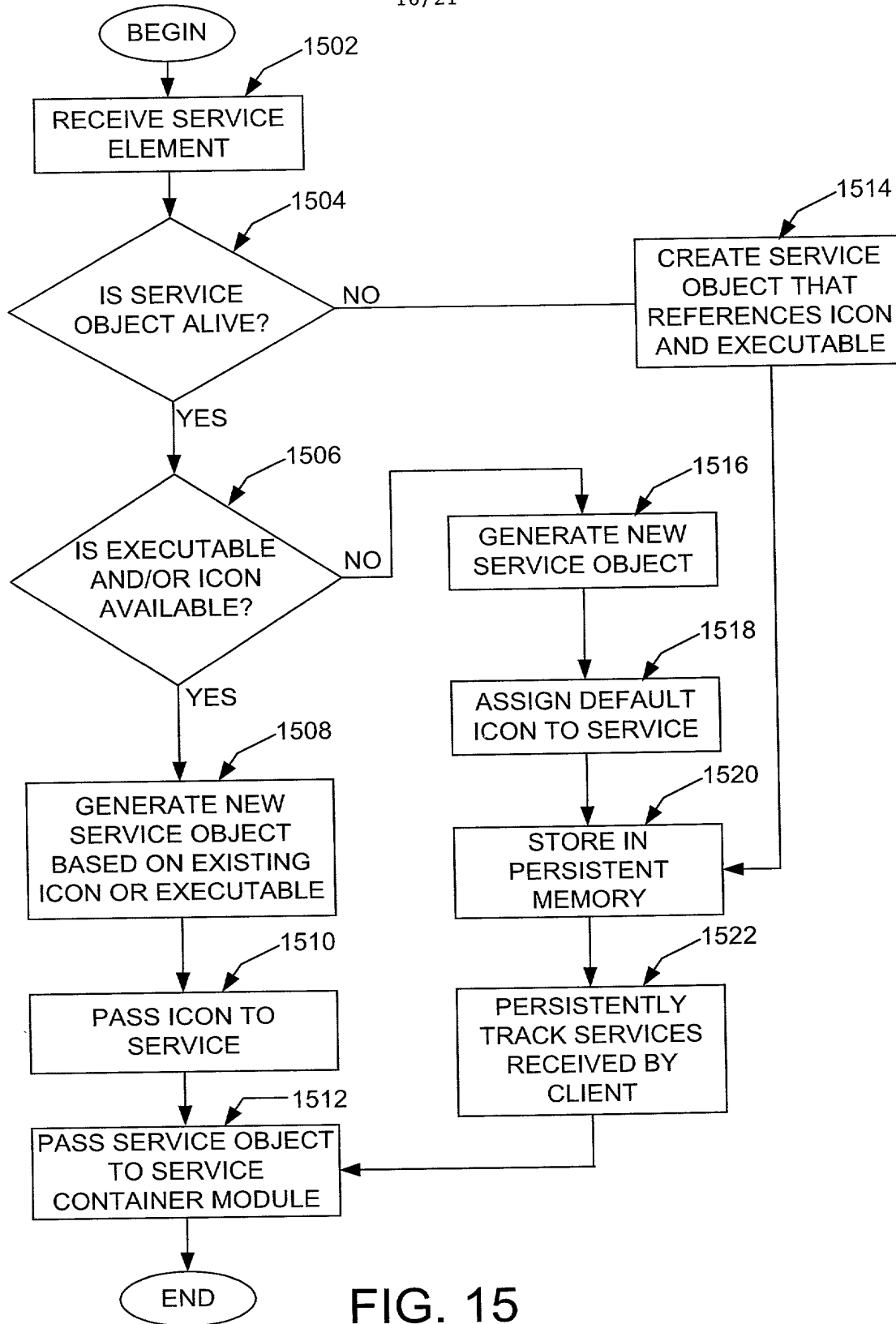


FIG. 15

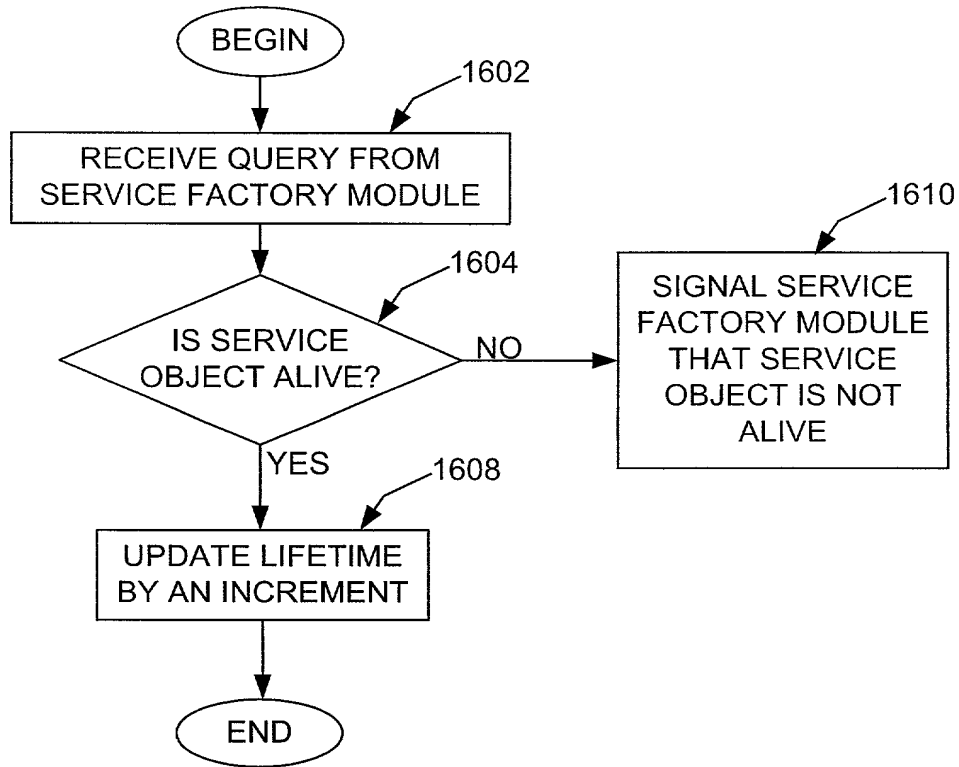


FIG. 16A

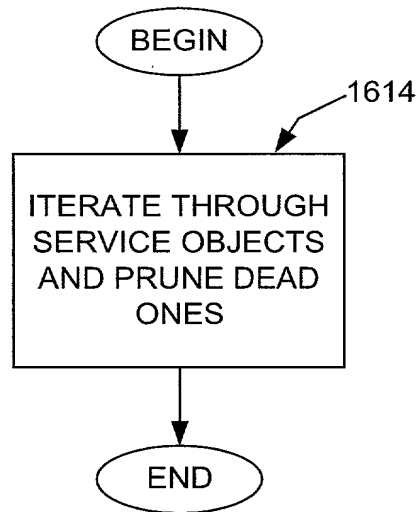


FIG. 16B

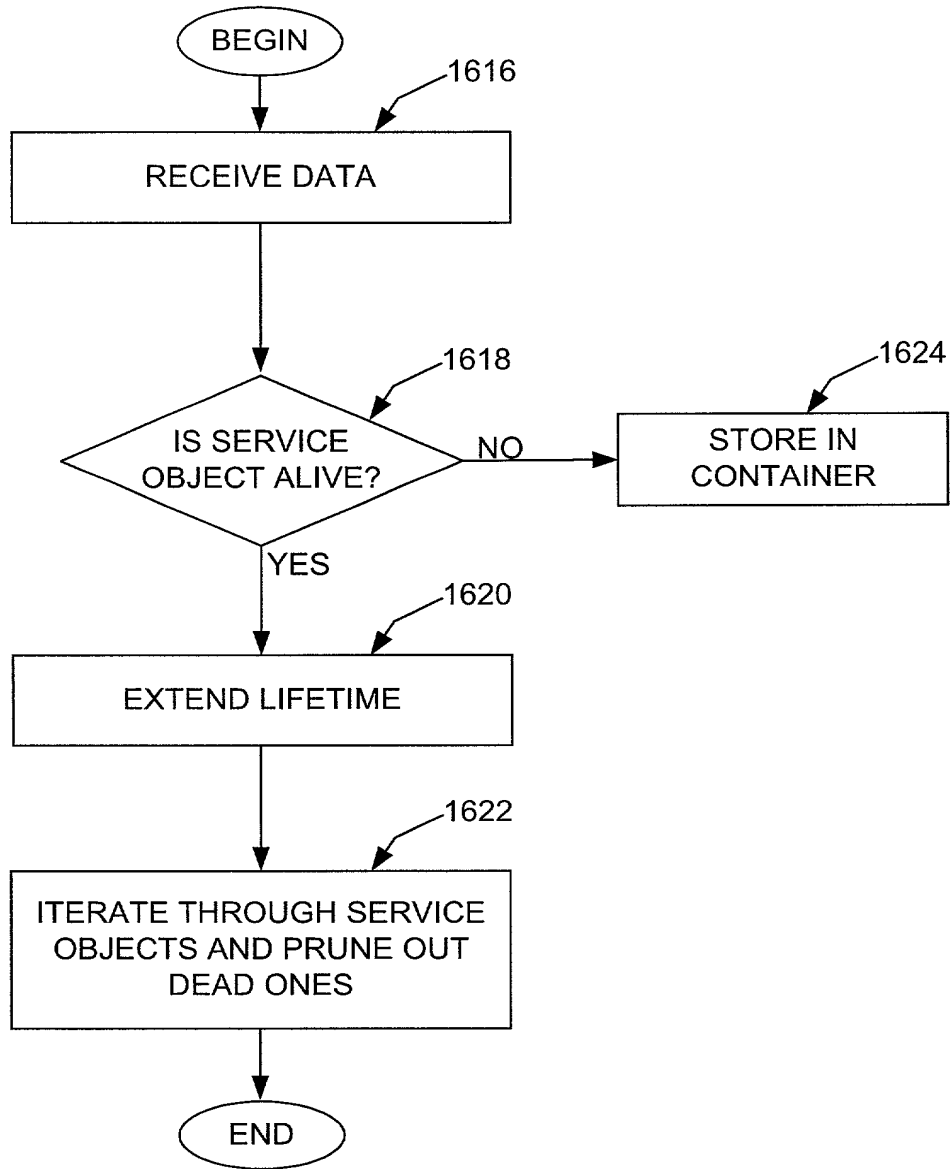


FIG. 16C

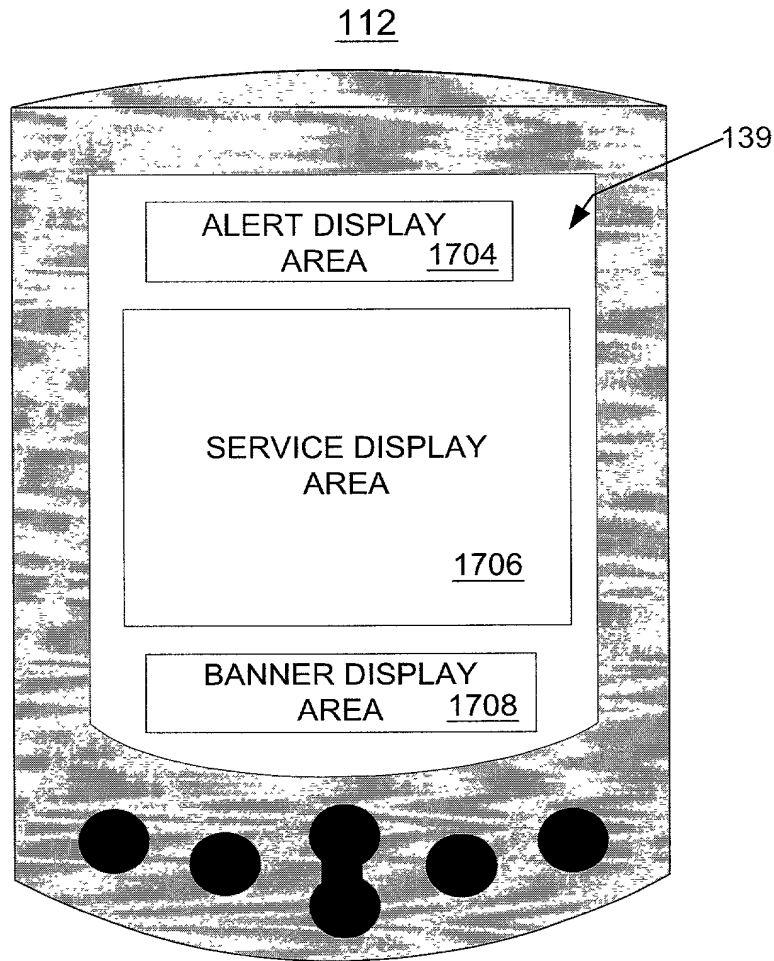


FIG. 17

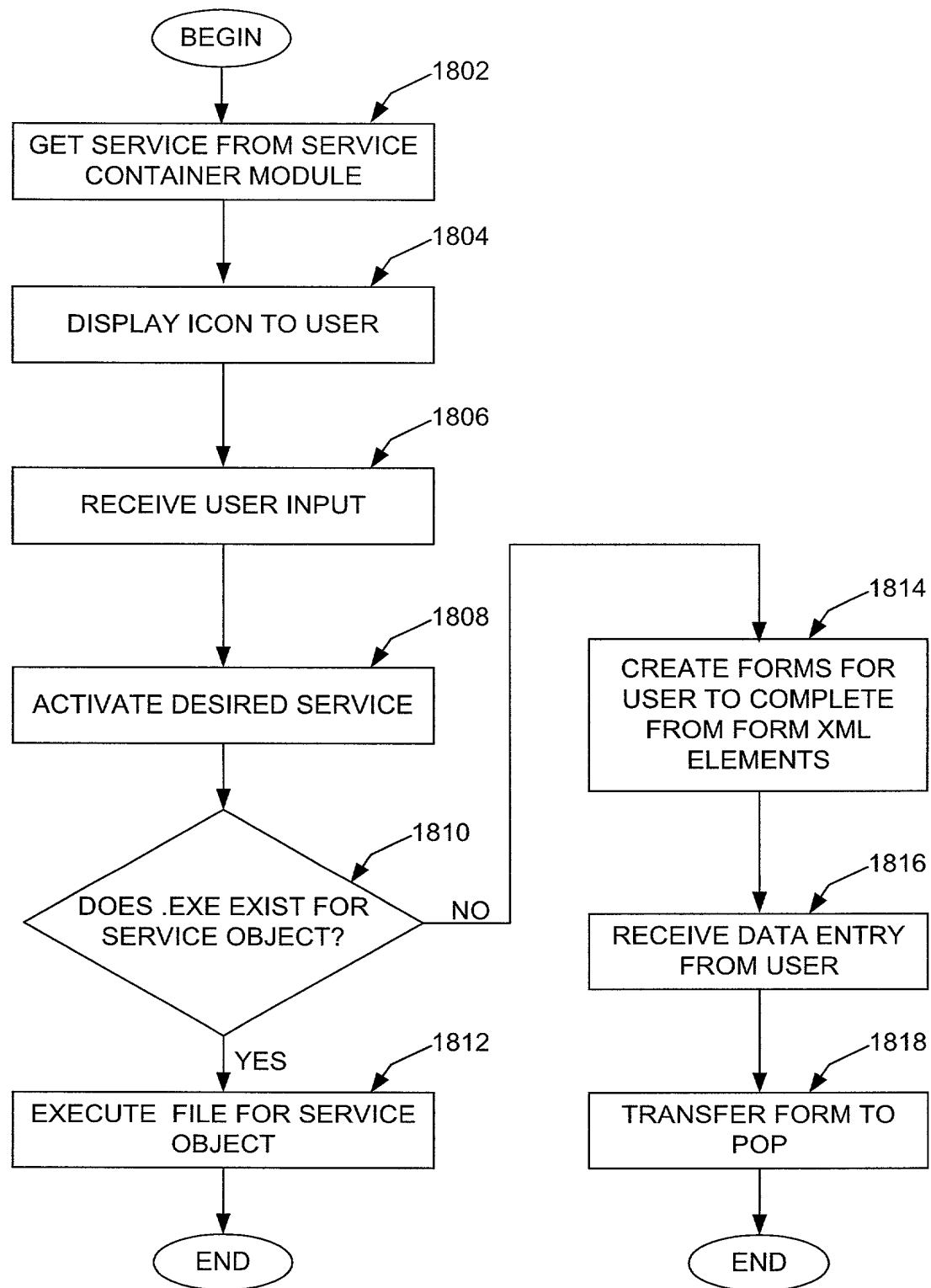


FIG. 18

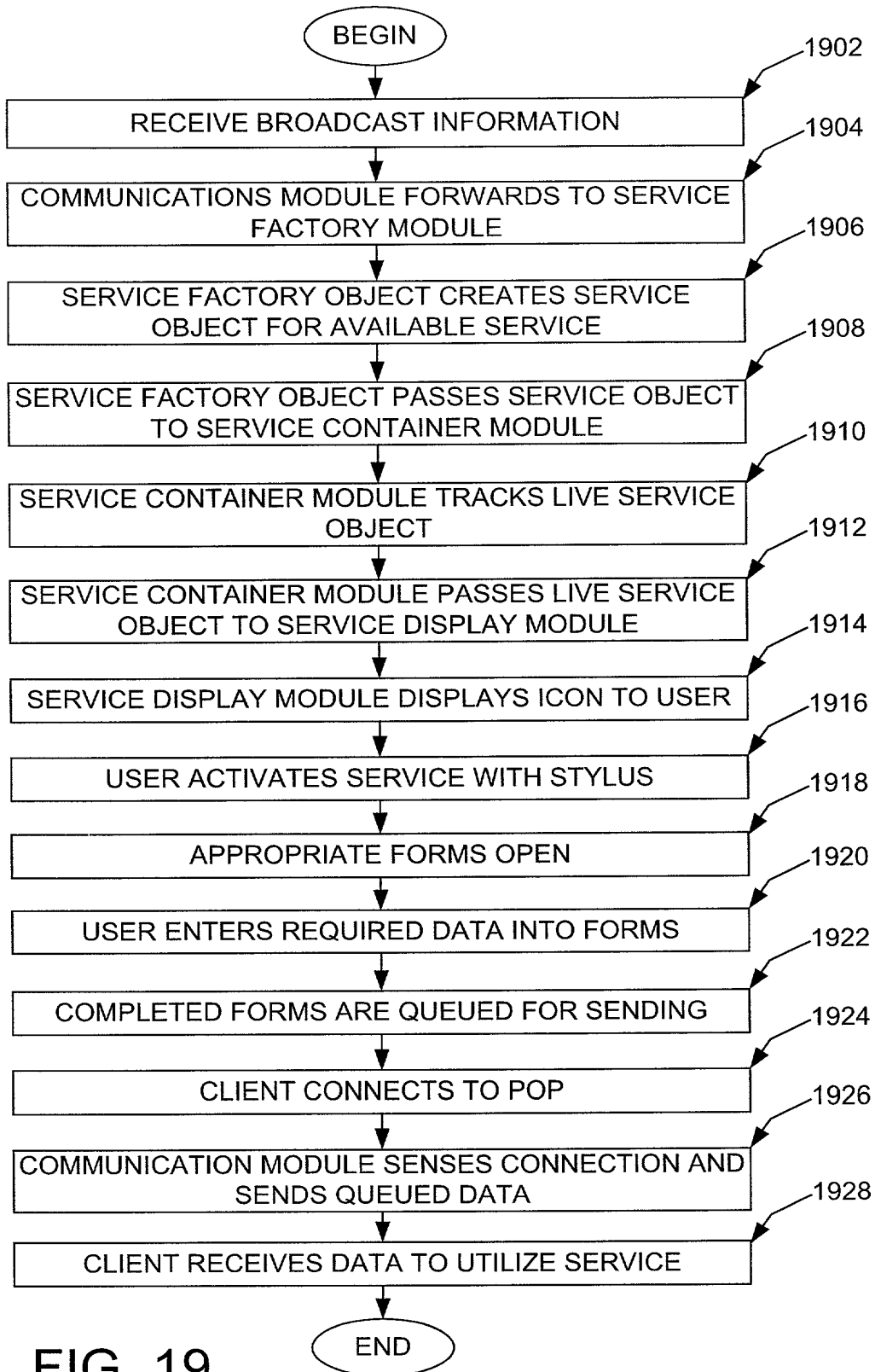


FIG. 19